

**FIG. 1**

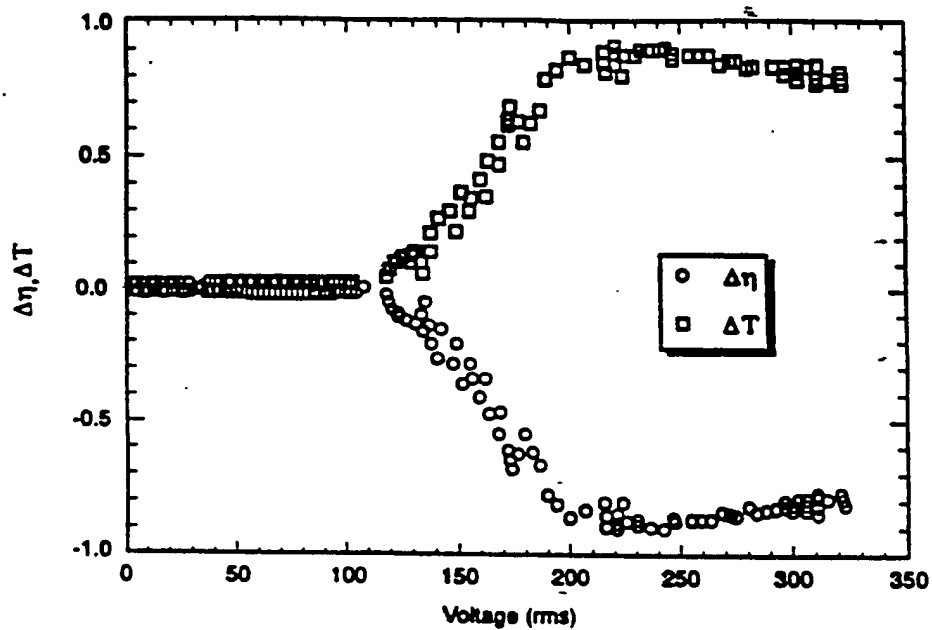


FIG. 2

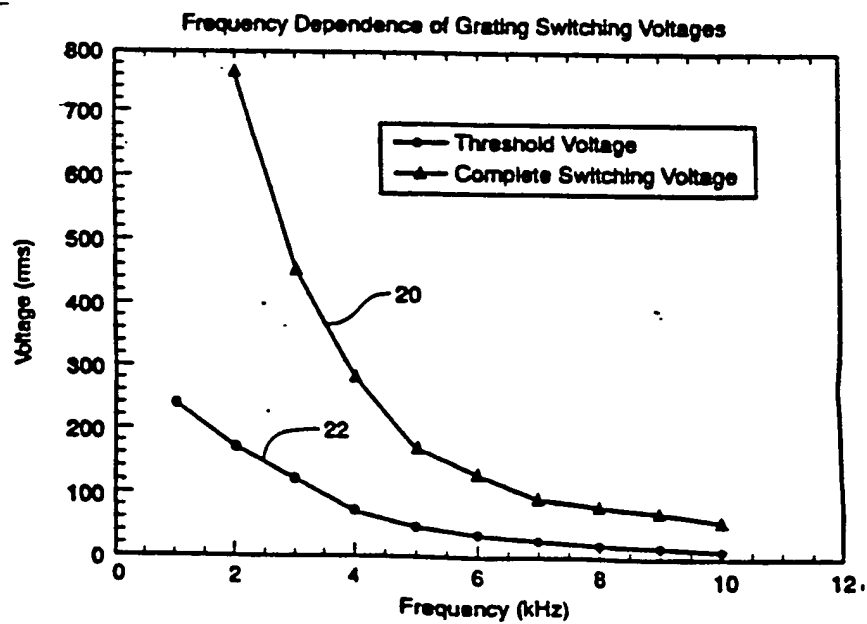
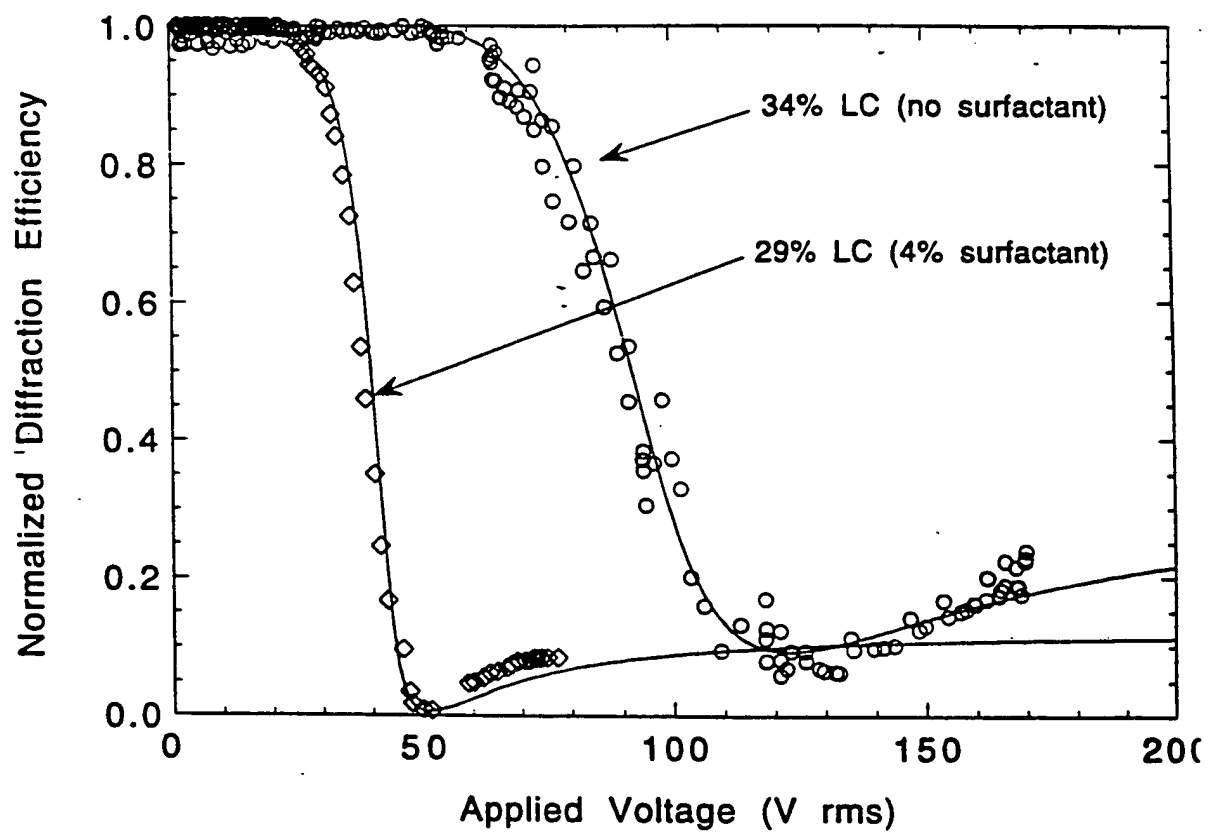
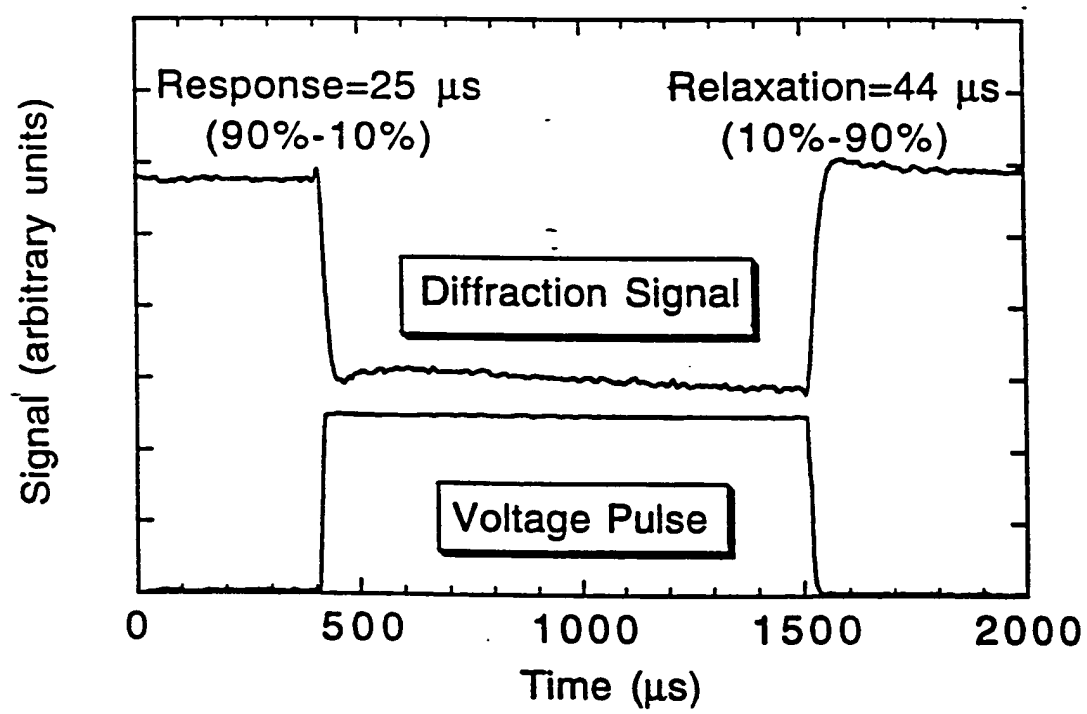


FIG. 3



**FIG. 4**



**FIG. 5**

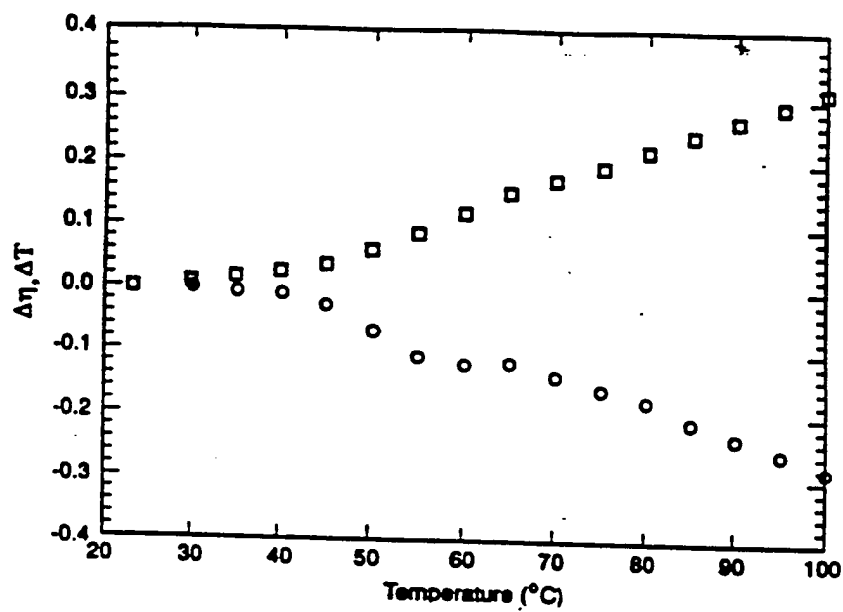
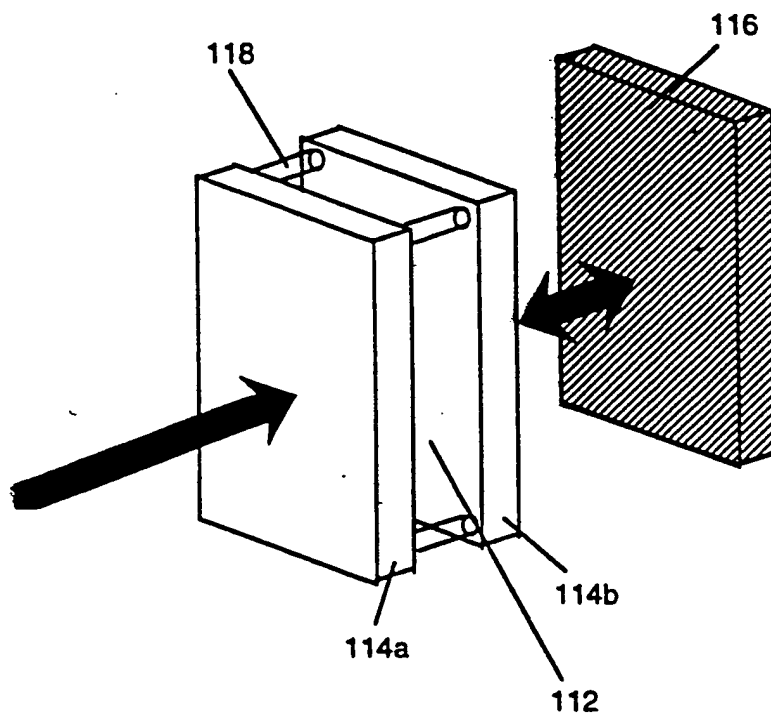
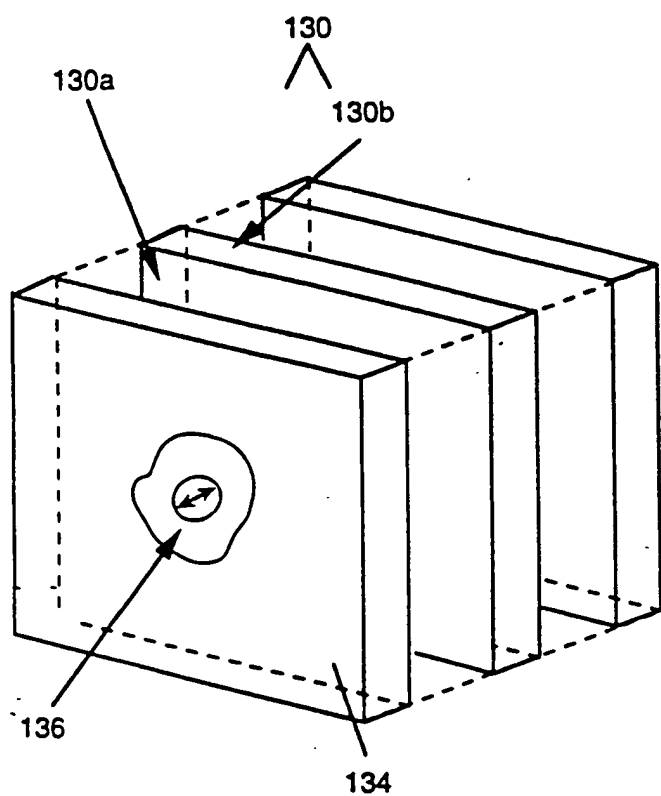


FIG. 6

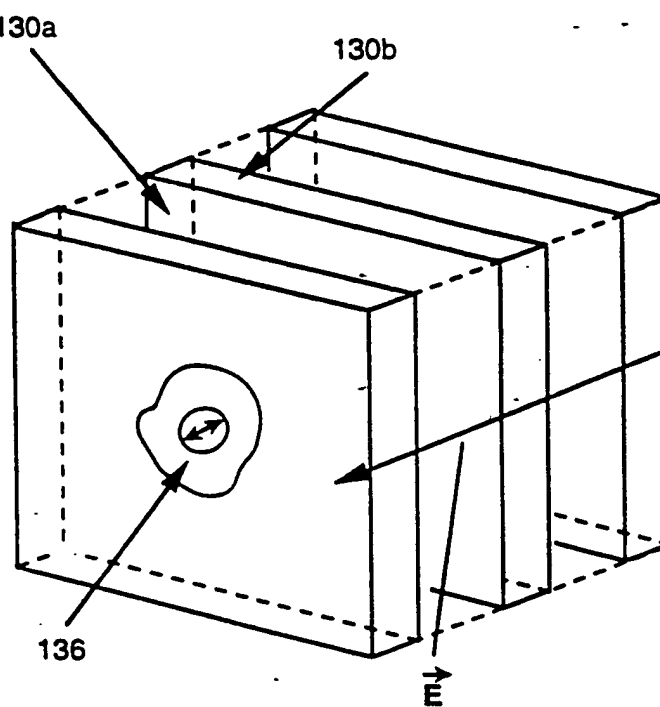


**FIG. 7**

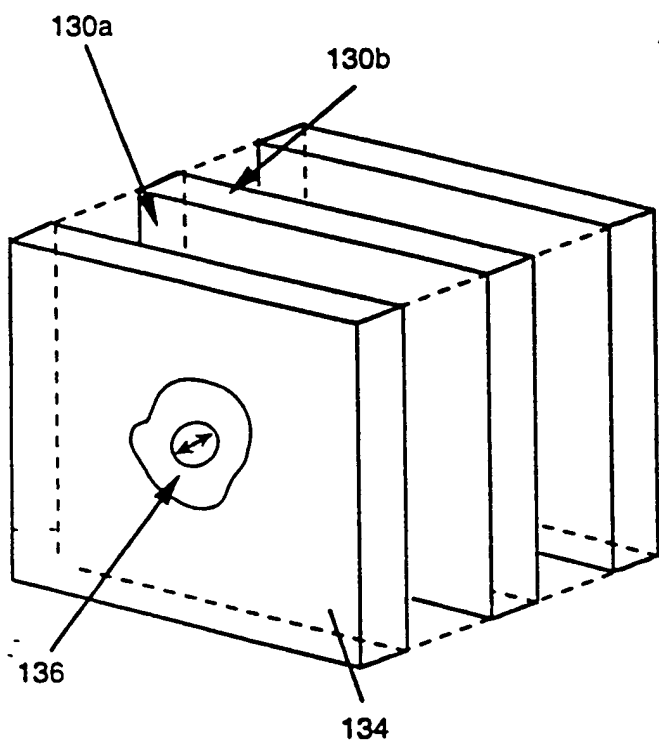


**FIG. 8a**

Reflection Grating

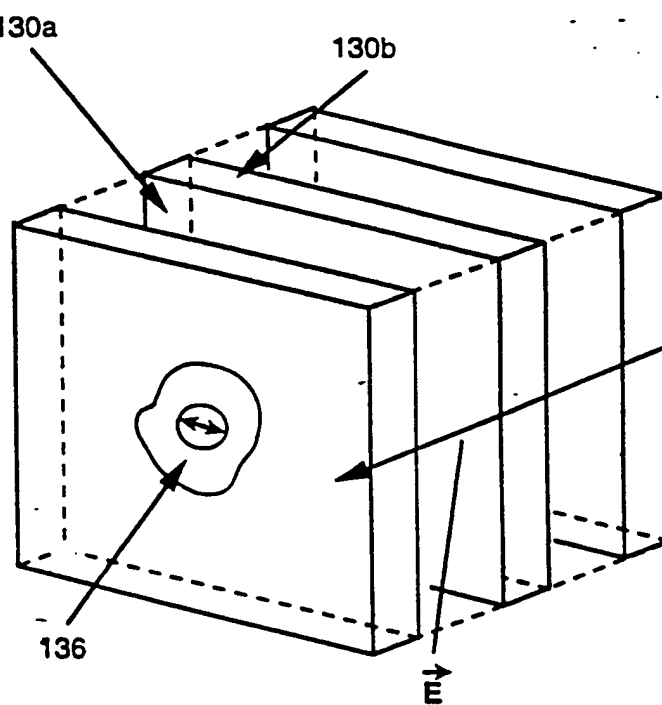


**FIG. 8b**



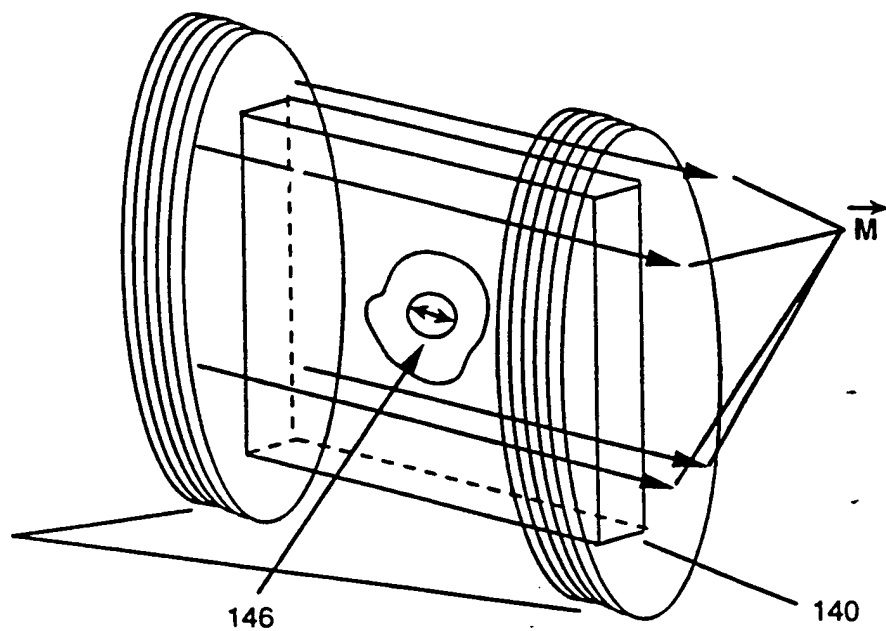
**FIG. 9a**

Reflection Grating

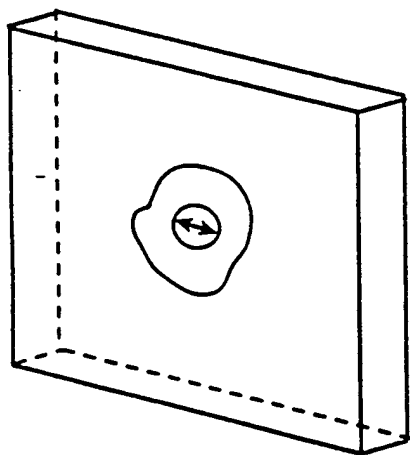


**FIG. 9b**

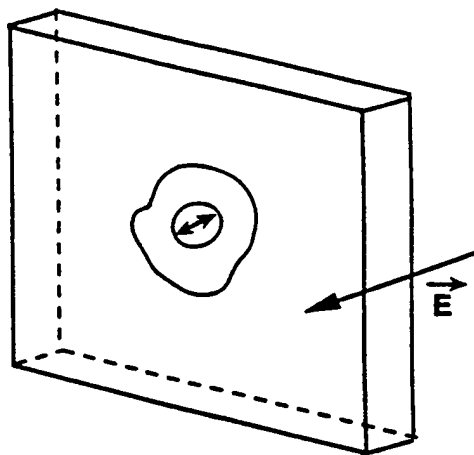




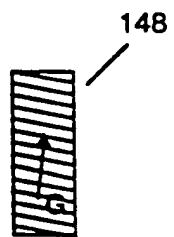
**FIG. 10a**



**FIG. 10b**



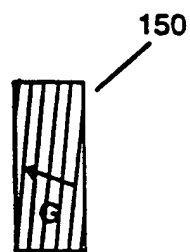
**FIG. 10c**



transmission

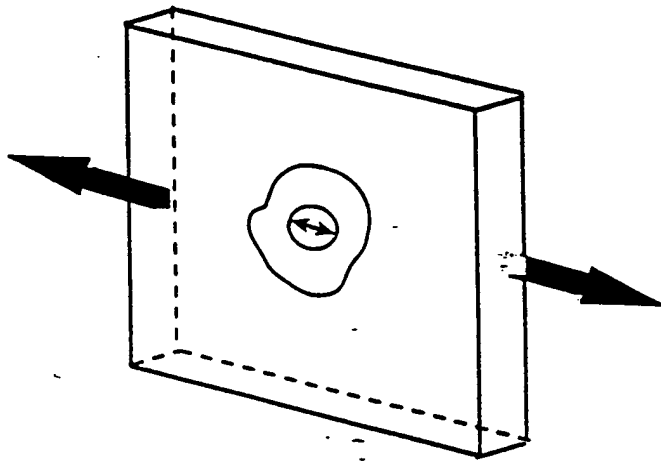
**FIG. 11a**

Slanted

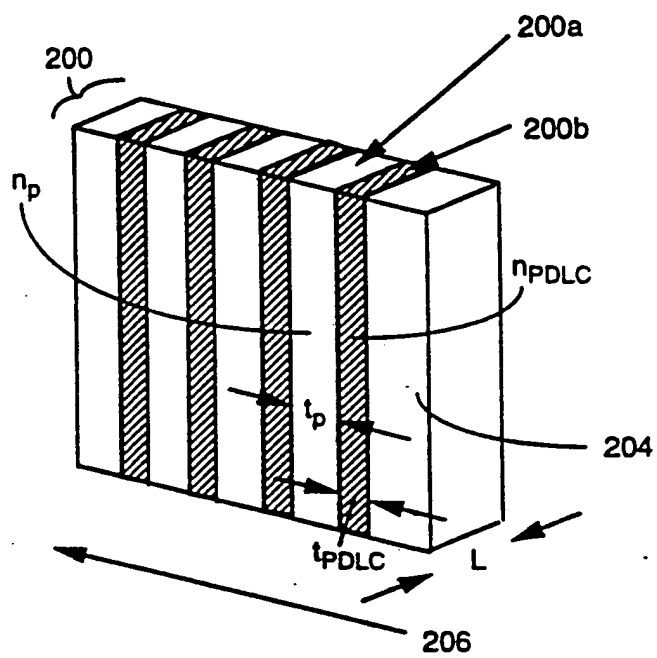


reflection

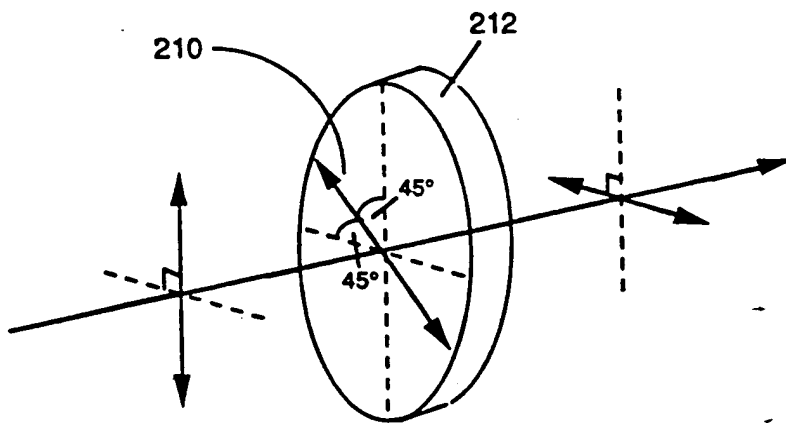
**FIG. 11b**



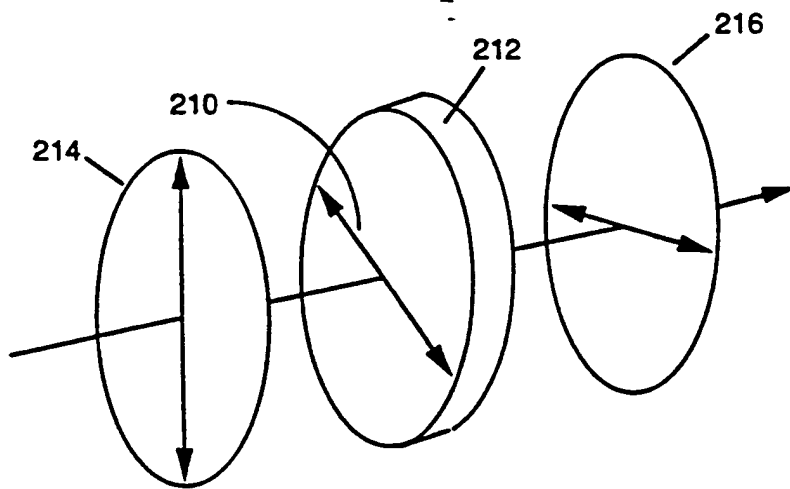
**FIG. 12**



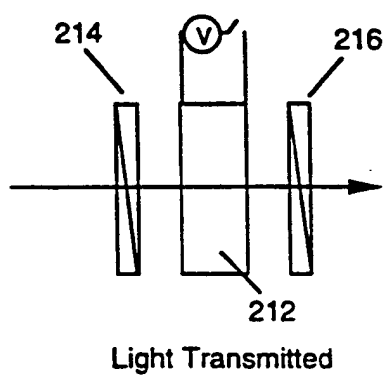
**FIG. 13**



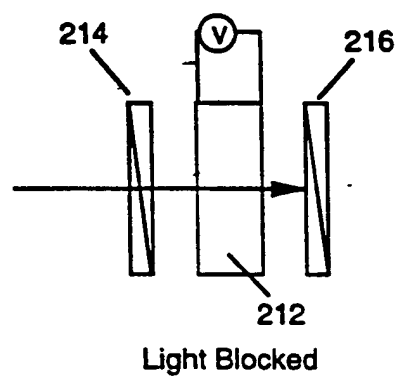
**FIG. 14a**



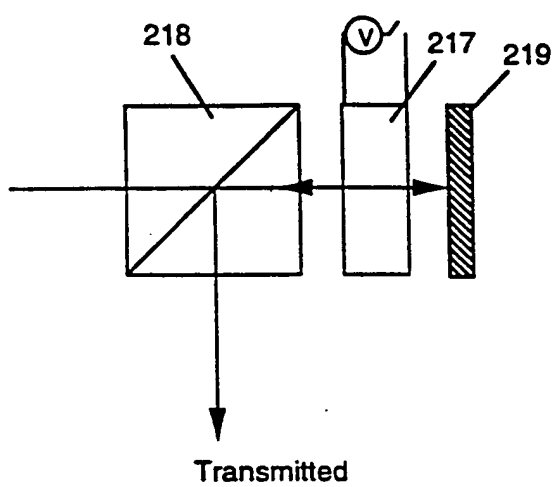
**FIG. 14b**



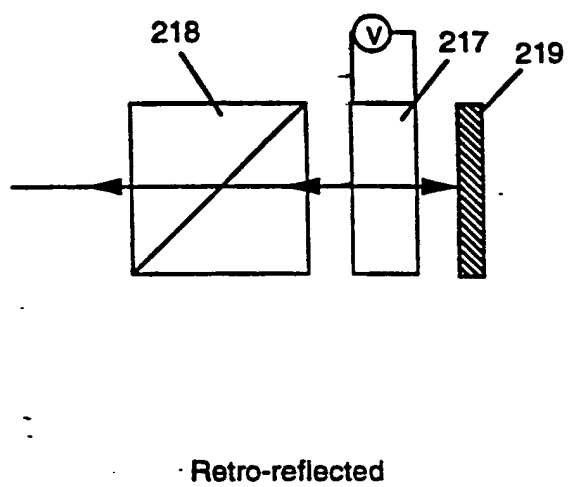
**FIG. 14c**



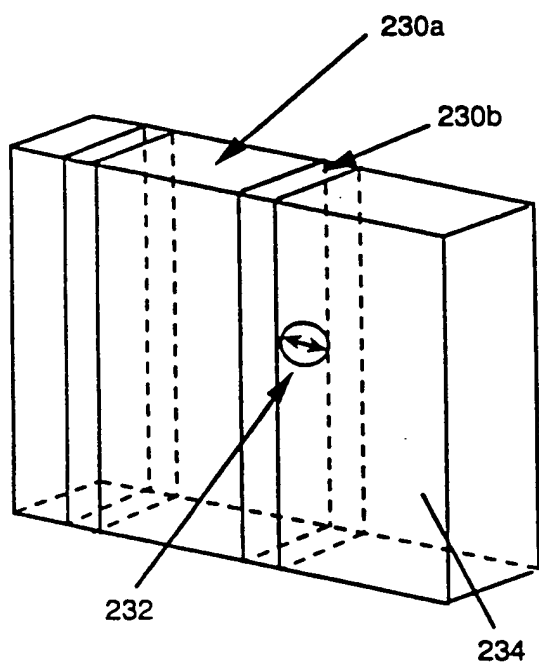
**FIG. 14d**



**FIG. 15a**

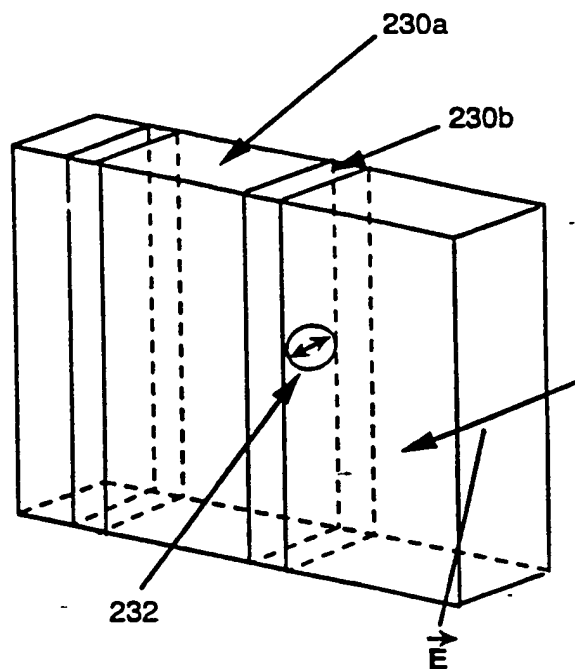


**FIG. 15b**



Unswitched State

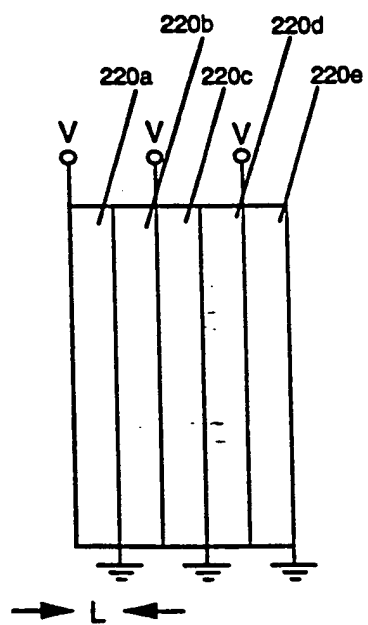
**FIG. 16a**



Switched State

**FIG. 16b**





**FIG. 17**